IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/673,958 Art Unit 1635

Filed: 8/13/2001 Examiner B. Whiteman

1st Inventor: Masayoshi Namba 11/16/2006

For: Human Derived Immortalized Liver Cell Line

Atty. Dkt. No. 2519 US0P Paper No.

CERTIFICATE OF ELECTRONIC SUBMISSION

DATE IN: January 30, 2007

Itemized Papers/Items:

- 1. This Certificate of Electronic Submission (1 page)
- 2. Issue Fee Transmittal (1 page)

I hereby certify that this Fee Transmittal is being electronically submitted to the United States Patent and Trademark Office on the date indicated below.

Dated: 1/30/2007

Mark Chao, Ph.D., JD, Registration No. 37,293

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department One Takeda Parkway Deerfield, IL 60015